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PATENT & TRADEMARK OFFICE

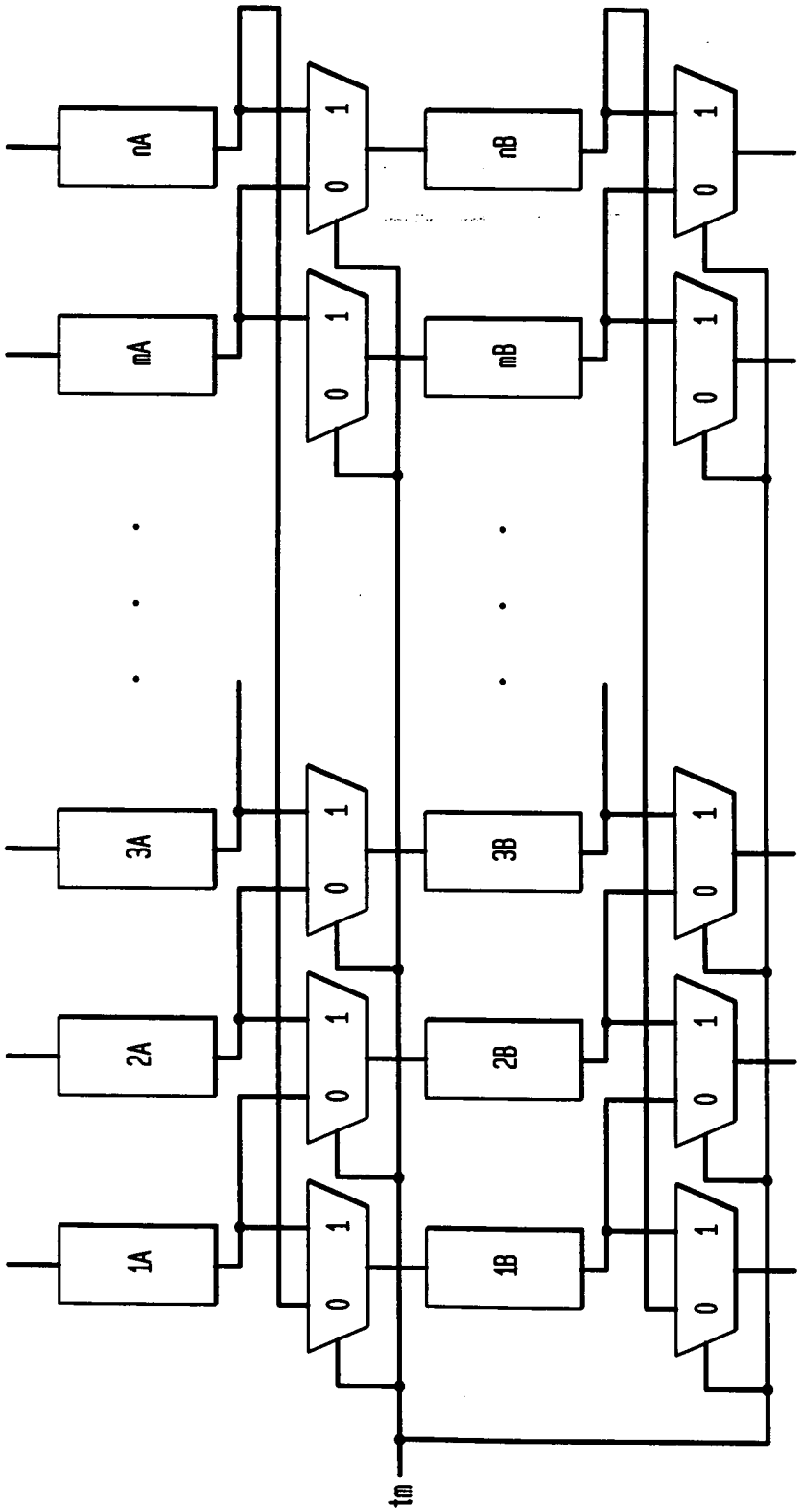


FIG. 1
SCAN CHAIN SEGMENTATION

FIG. 2
BASIC SEGMENTATION

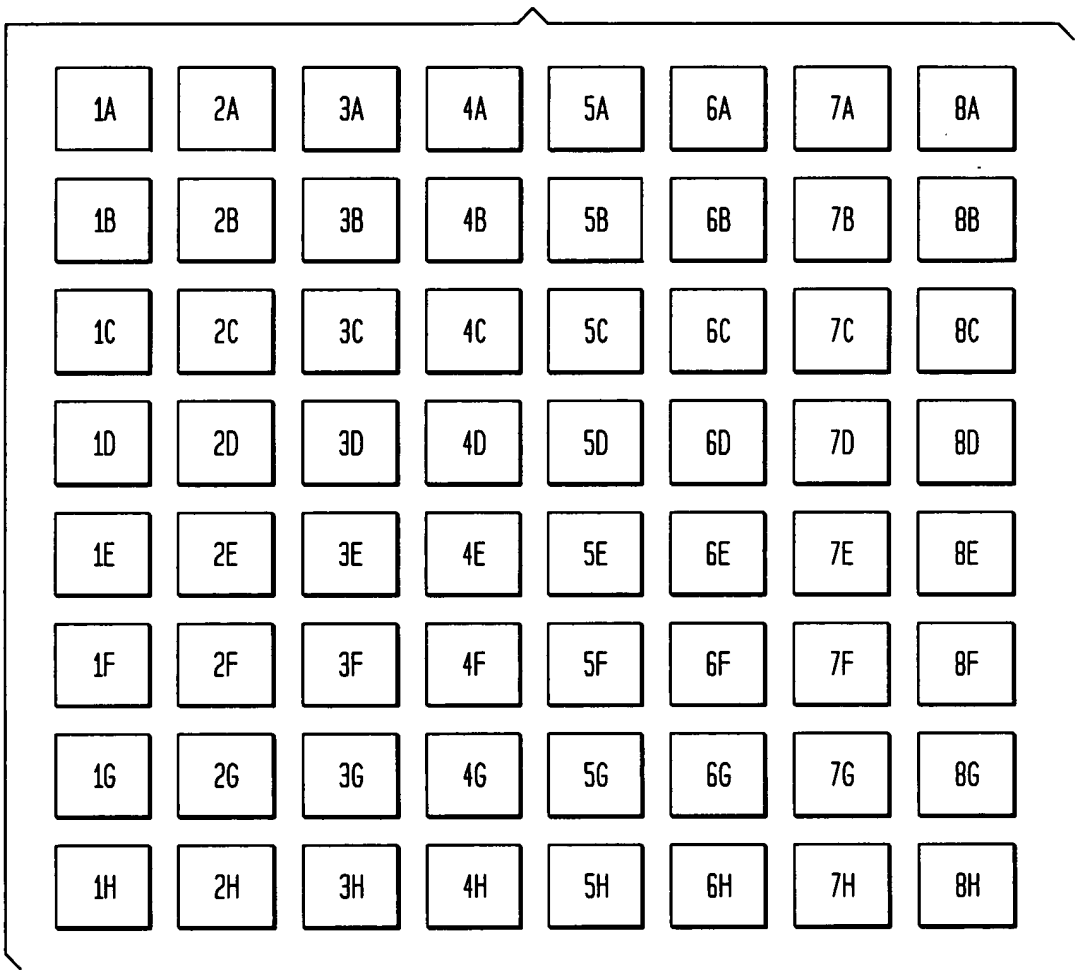


FIG. 3
FAILING CHAIN 1

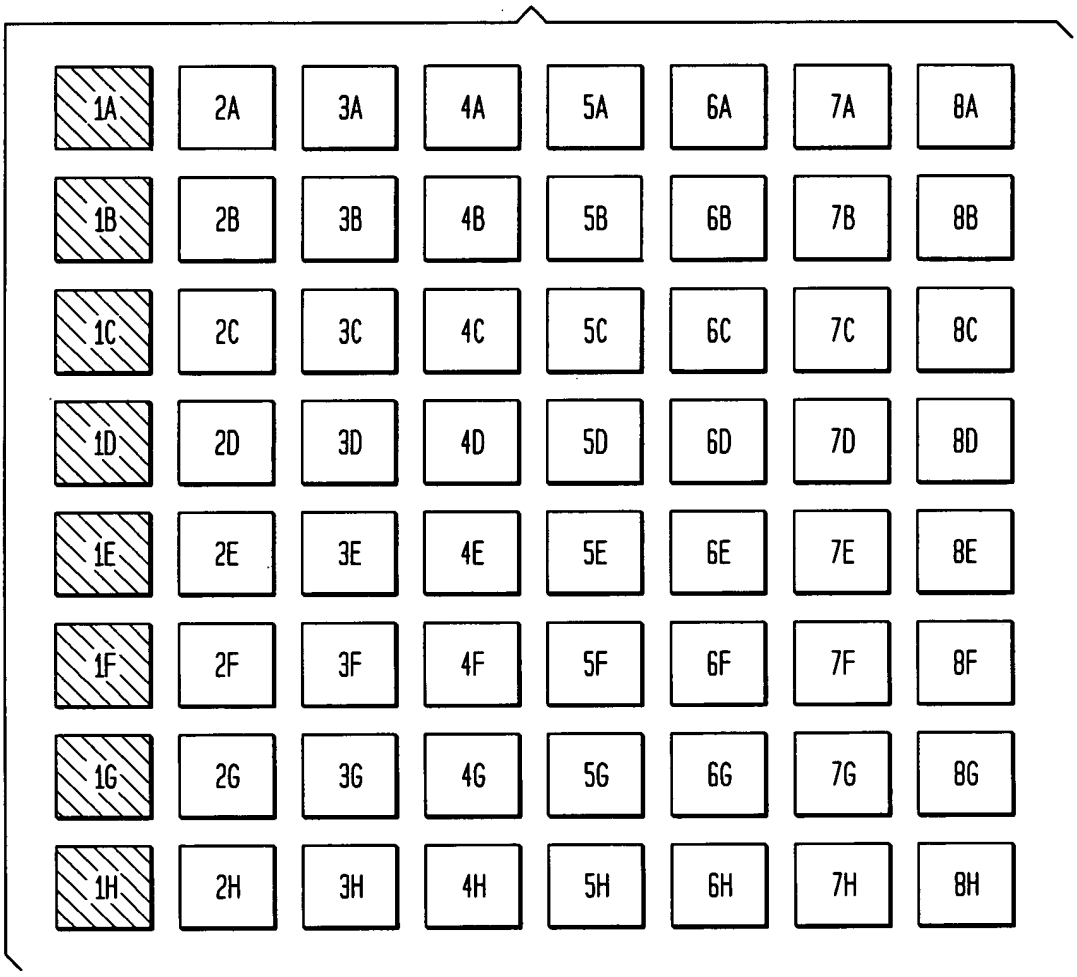


FIG. 4
FAILING CHAIN 1

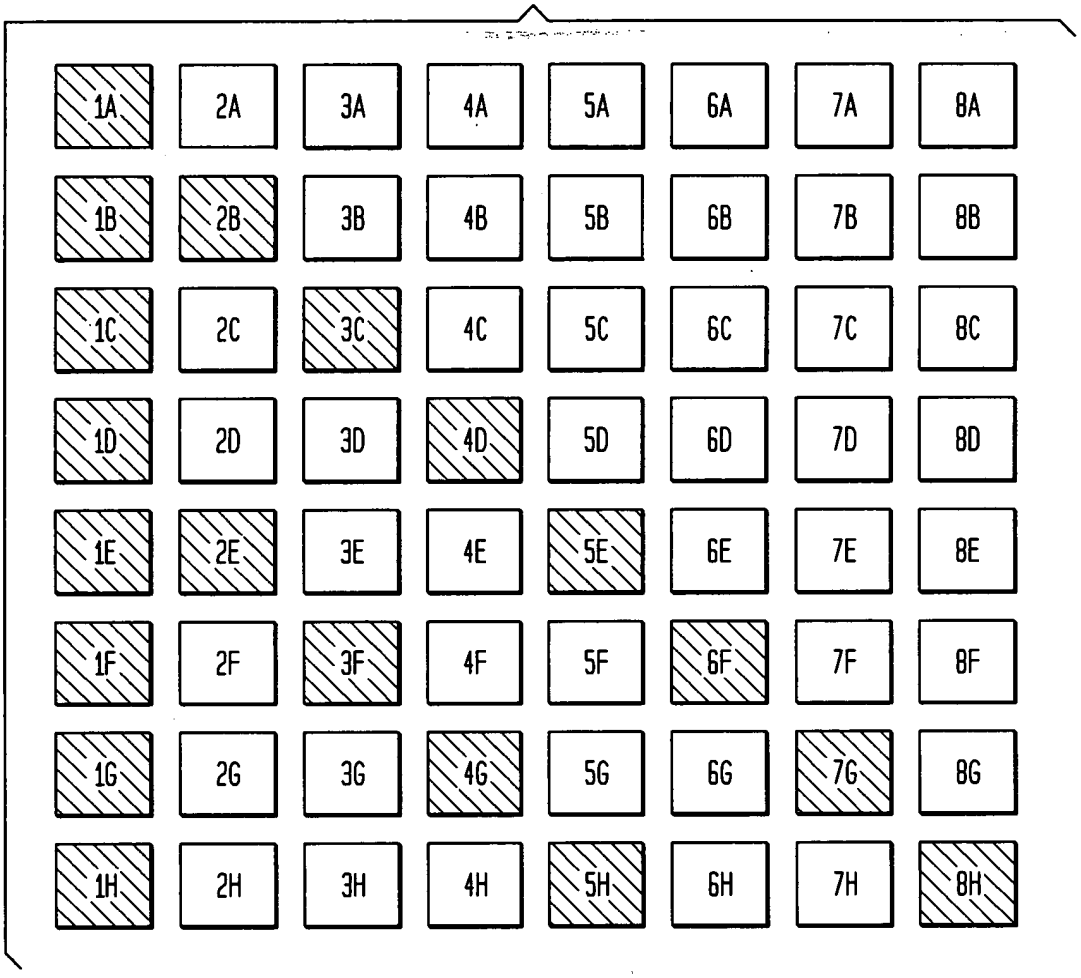


FIG. 5

FAILING CHAINS 1 AND 3

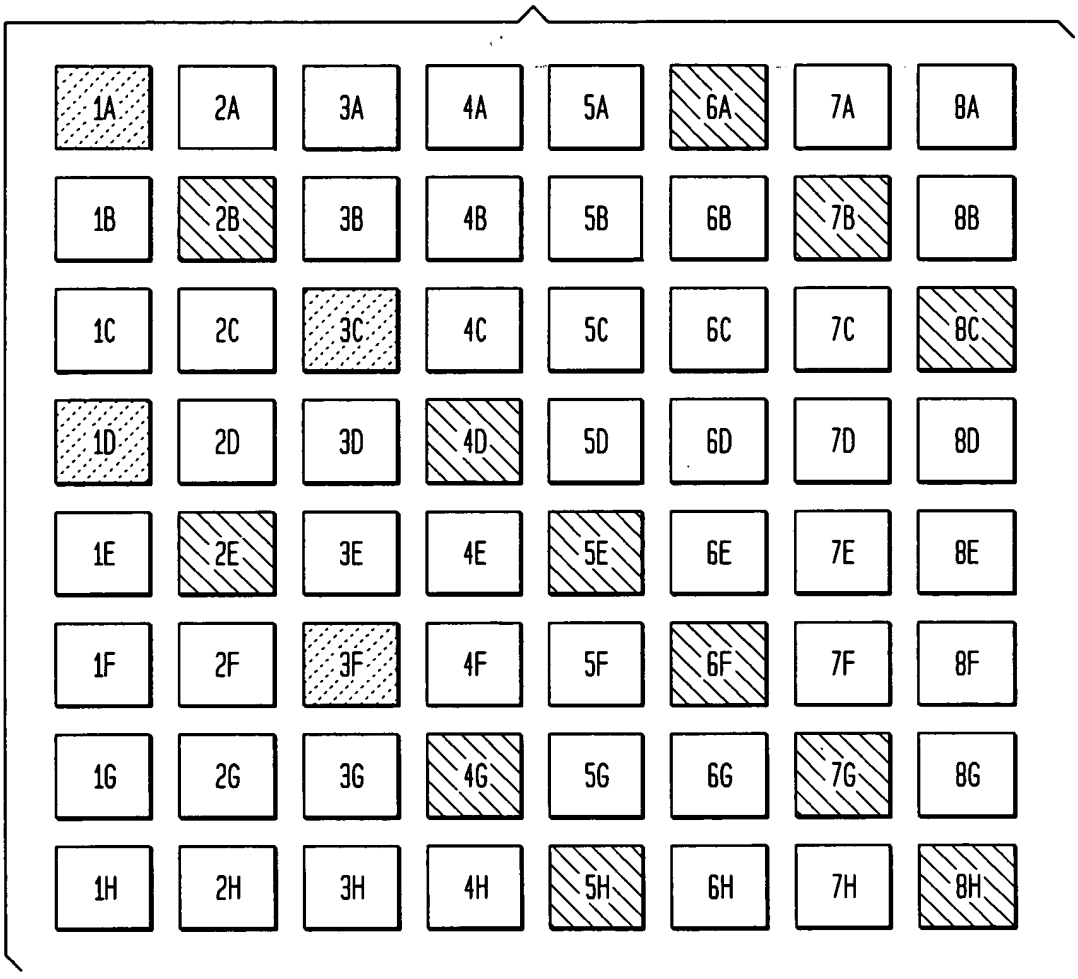


FIG. 6

FAILING CHAINS 1 AND 3, 1A FAULTY

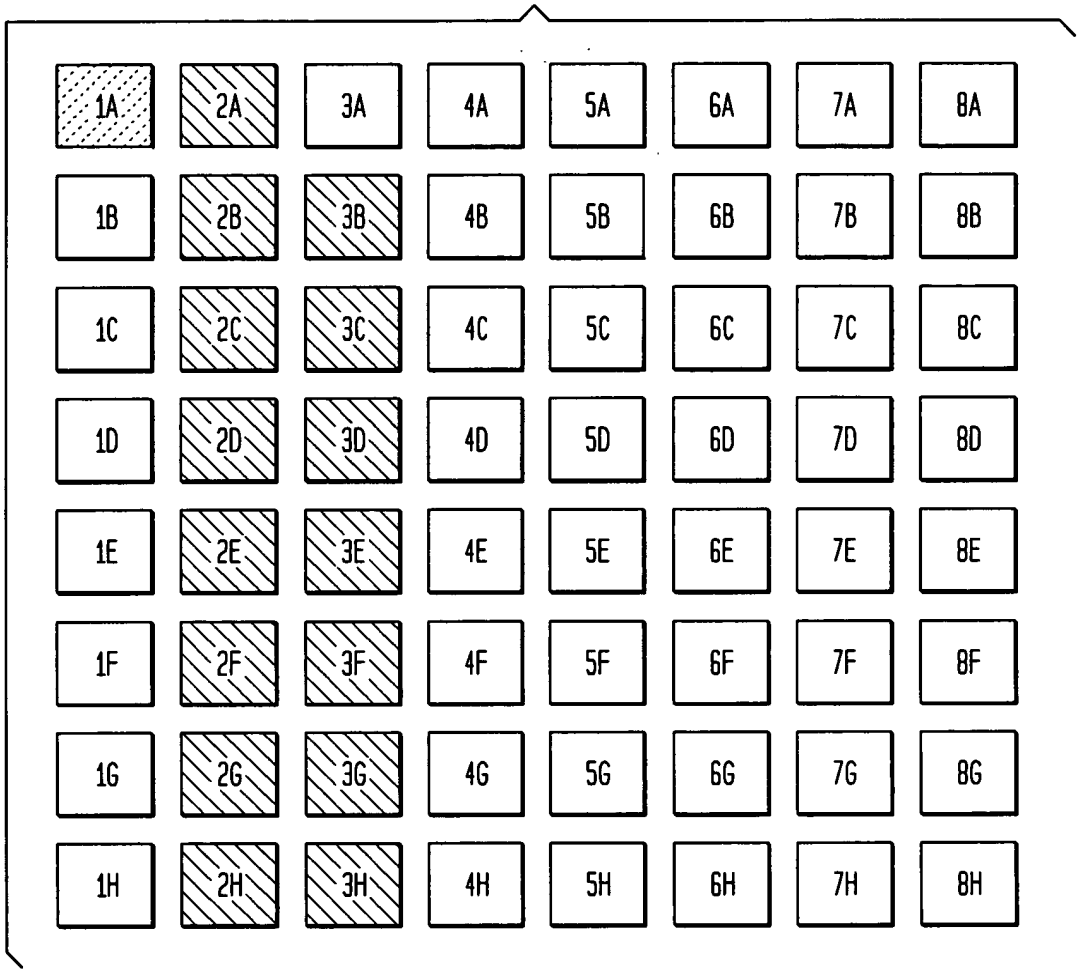
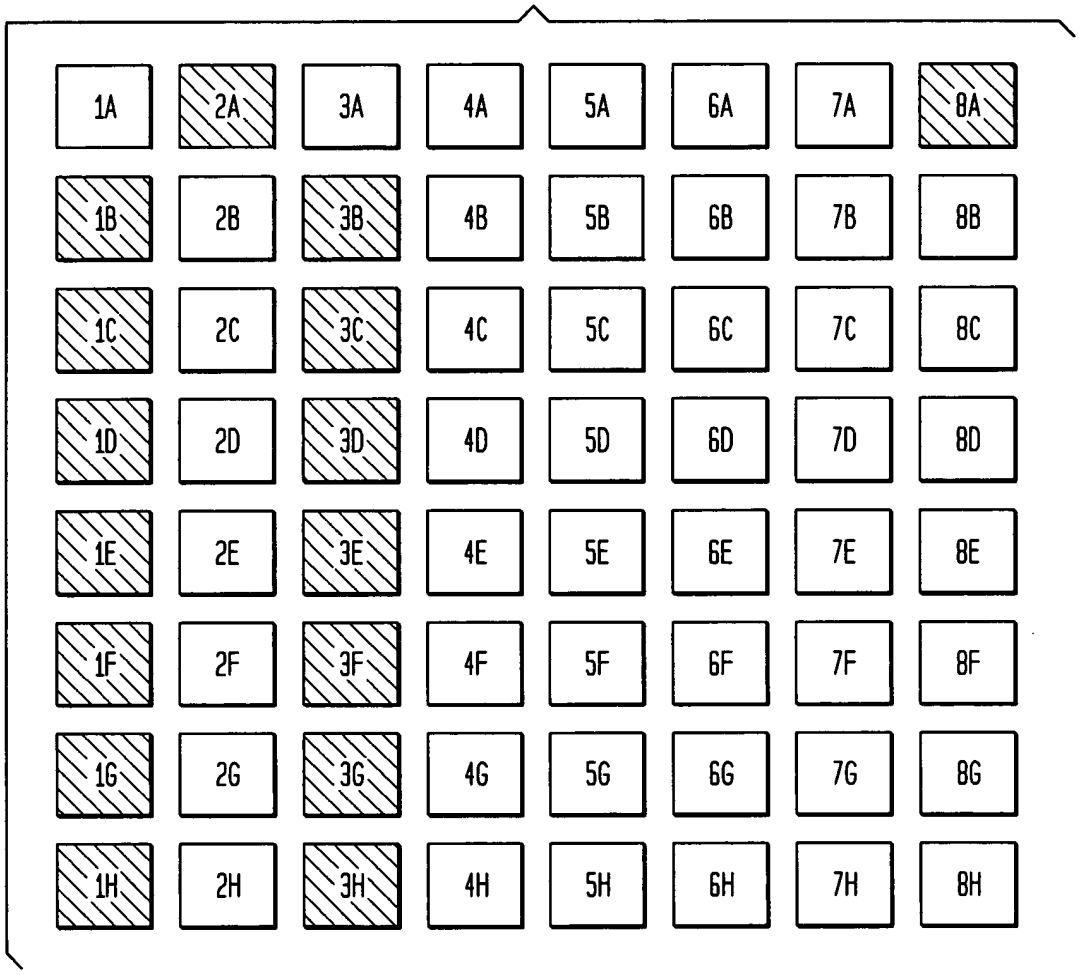


FIG. 7

FAILING CHAINS 1 AND 3, 1D FAULTY



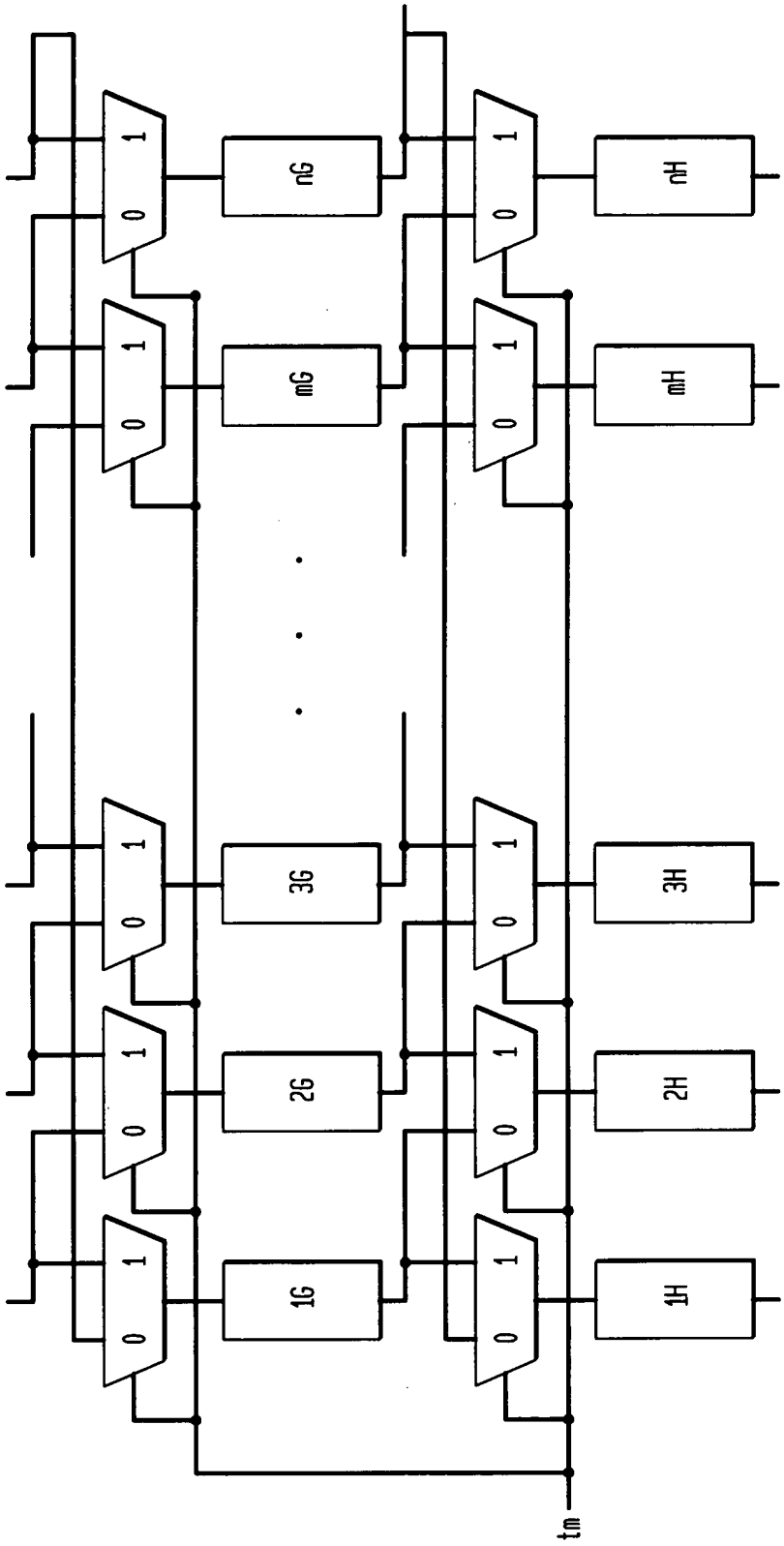


FIG. 8
UNEQUAL CHAIN LENGTHS